CLAIMS

1. A bonding sheet comprising an adhesive layer containing a thermoplastic resin disposed on one side of a heat resistant film and a non-adhesive layer containing a non-thermoplastic resin and a thermoplastic resin disposed on the other side of the heat resistant film.

2. The bonding sheet according to claim 1, wherein the ratio of the non-thermoplastic resin to the thermoplastic resin in the non-adhesive layer is 82/18 to 97/3 on a weight basis.

3. The bonding sheet according to claim 1 or 2, wherein the heat resistant film is a polyimide film.

4. The bonding sheet according to claims 1 to 3, wherein the thermoplastic resin in the adhesive layer and the non-thermoplastic resin and the thermoplastic resin in the non-adhesive layer are polyimides.

5. The bonding sheet according to claims 1 to 4, wherein a rectangular piece having a width of 7 cm and a length of 20 cm taken from the bonding sheet exhibits a warpage of 0.5 mm or less at each of the four corners after being left to stand at 20°C and 60% R.H. for 12 hours.

6. The bonding sheet according to claims 1 to 5, wherein the linear expansion coefficient (200°C to 300°C) of the bonding sheet is in the range of $\alpha 0 \pm 5$ (ppm/°C) wherein $\alpha 0$

(ppm/°C) is a linear expansion coefficient (200°C to 300°C) of a metal foil to be bonded onto the bonding sheet.

7. A flexible one-side metal-clad laminate comprising a metal foil bonded onto the adhesive layer of the bonding sheet according to claims 1 to 6.

8. The flexible one-side metal-clad laminate according to claim 7, wherein the metal foil is bonded onto the bonding sheet using a thermal roll laminator including at least one pair of metal rolls.

9. The flexible one-side metal-clad laminate according to claim 7 or 8, wherein the metal foil is a copper foil.

10. The flexible one-side metal-clad laminate according to claims 7 to 9, wherein a rectangular piece having a width of 7 cm and a length of 20 cm taken from the flexible one-side metal-clad laminate exhibits a warpage of 1.0 mm or less at each of the four corners after being left to stand at 20°C and 60% R.H. for 12 hours.